

Appl. No. 09/991,628
Amdt. dated December 22, 2004
Reply to Office Action of September 22, 2004

PATENT

REMARKS/ARGUMENTS

Amendments

The specification is amended to update the cross-reference information. Additionally, the claims are modified in the amendment. More specifically, claims 1, 2, 8, 12, 13 and 16 have been amended; claims 11 and 14 have been cancelled; and new claims 19-22 have been added. Therefore, claims 1-22 are present for examination. No new matter is added by these amendments, and rights are reserved in the canceled claims to pursue them later. Applicant respectfully requests reconsideration of this application as amended.

35 U.S.C. §102/103 Rejection, Hansen et al.

The Office Action has rejected claims 1-3, 5-10 and 13-16 under 35 U.S.C. §102(b) as being anticipated by the cited portions of U.S. Patent No. 5,953,241 to Hansen et al. (hereinafter "Hansen"). Further, the Office Action has rejected claims 4, 11, 12, 17 and 18 under 35 U.S.C. §103(a) as being unpatentable over Hansen. Reconsideration of the claims in their amended form is respectfully requested.

Applicant notes that there is no cite in the Office Action to anything specific within Hansen in describing the 35 U.S.C. §102 rejection. Additionally, the 35 U.S.C. §103 rejection appears to rely upon no references at all. "In rejecting claims for want of novelty or for obviousness, the examiner must cite the best references at his or her command. When a reference is complex or shows or describes inventions other than that claimed by the applicant, the particular part relied on must be designated as nearly as practicable. The pertinence of each reference, if not apparent, must be clearly explained and each rejected claim specified." 37 CFR 1.104(c)(2)

The Applicant respectfully requests, under 37 CFR 1.104(c)(2), identification of the exact passages in the reference which support this rejection. Further, Applicant requests a cite to references for the propositions asserted in support of the 35 U.S.C. §103 rejection. Should Official Notice be the basis for these assertions in the §103 rejection an express showing of documentary proof is requested of these proposition as set forth in MPEP 2144.03.

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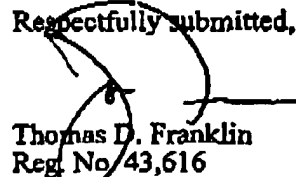
Applicant notes that Hansen doesn't get into the specifics of how rounding is specified and only one way is described unlike amended claims 1 and 20-21. Hansen, col. 6, lines 36-41. Hansen doesn't indicate that a multiply-subtraction can be specified or performed as generally required by claims 2 and 16. Hansen rounds the final result unlike claims 4, 5 and 21. Hansen, col. 6, lines 36-41. The apparent Official Notice of the 35 U.S.C. §103 rejection doesn't specify the specific way a saturation is performed by claims 8, 12, 17, 18. Office Action, page 3, third paragraph. Hansen doesn't teach or suggest the two-part process for performing a multiply accumulate as in claims 9, 13 and 19. Reconsideration is respectfully requested.

CONCLUSION

In view of the foregoing, Applicants believe all claims now pending in this Application are in condition for allowance. The issuance of a formal Notice of Allowance at an early date is respectfully requested.

If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at 303-571-4000.

Respectfully submitted,


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